

STUDENT: \_\_\_\_\_

GRADE: \_\_\_\_\_

ID: \_\_\_\_\_

DOB: \_\_\_\_\_

ACADEMIC SKILL DEFICIT	<div><b>Norm-Referenced (Targeted) Assessment</b><ul style="list-style-type: none"><li>K-SEALS (ECE/K only)</li><li>Key Math-3</li><li>WIAT III – Math Problem Solving</li></ul><p>Scores at or below the 12<sup>th</sup> percentile may be considered to represent a significant deficit</p></div>	<div>ASSESSMENT</div> <div></div> <div></div> <div></div>	<div>PERCENTILE RANK</div> <div></div> <div></div> <div></div>
	<div><b>Criterion-Referenced Measures (District and State Assessments)</b><ul style="list-style-type: none"><li>CSAP Math</li><li>DPS Math Benchmark/Interim Assessment</li></ul><p>Results that are at or below 50% of the grade level expectancy and/or 1.5+ years below grade level may be considered to represent a significant deficit</p></div>	<div>ASSESSMENT</div> <div></div> <div></div> <div></div> <div></div>	<div>SCORE</div> <div></div> <div></div> <div></div> <div></div>
RESPONSE TO INTERVENTION	<div><b>Grade Level Curriculum Based Measurements (CBMs)</b><ul style="list-style-type: none"><li>Math Concepts and Applications CBM</li><li>Missing Number CBM</li><li>Quantity Discrimination CBM</li></ul><p>Results may be considered to represent a significant deficit if they include at least 6 grade level data points with gaps of 2 or more and fall in the well below average range (below the 12<sup>th</sup> percentile)</p></div>	<div>CBM Used:</div> <div><div>Date:Score:Gap:Category:</div><div></div><div>Date:Score:Gap:Category:</div><div></div><div>Date:Score:Gap:Category:</div><div></div><div>Date:Score:Gap:Category:</div><div></div><div>Date:Score:Gap:Category:</div><div></div></div>	
	<div>CBM Data Analysis (see back for formulas)</div> <div><div>1. Calculate gap (list gaps next to scores above)</div><div>2. Rate of Improvement (ROI): _____</div><div>3. Weekly Rate of Improvement Required to Close the Gap/Meet Average Range by:<ul style="list-style-type: none"><li>Next Benchmark Period: _____ OR</li><li>End of Year: _____</li></ul></div><div>4. Number of Weeks It Will Take to Reach Average Range/25<sup>th</sup> Percentile at Current Grade Level: _____</div><div>5. Projected Score at<ul style="list-style-type: none"><li>Next Benchmark Period (Fall, Winter, Spring): _____ OR</li><li>End of Year: _____</li></ul></div></div>		

## CBM DATA ANALYSIS

### STEP 1: CALCULATE THE GAP FOR EACH CBM SCORE

$$\frac{\text{EXPECTED BENCHMARK (50<sup>TH</sup> %ILE)}}{\text{STUDENT'S SCORE}} = \text{GAP (Gaps } \geq 2 \text{ are significant)}$$

### STEP 2: CALCULATE THE STUDENT'S CURRENT RATE OF IMPROVEMENT (ROI)

$$\frac{(\text{STUDENT'S MOST RECENT SCORE} - \text{STUDENT'S FIRST SCORE})}{\text{\# OF WEEKS BETWEEN FIRST AND LAST SCORES}} = \text{ROI}$$

### STEP 3: DETERMINE HOW MUCH IMPROVEMENT THE STUDENT NEEDS TO MAKE PER WEEK IN ORDER TO REACH THE AVERAGE RANGE BY THE NEXT BENCHMARK PERIOD (OR BY THE END OF THE YEAR)

$$\frac{\text{LOWEST SCORE IN THE AVERAGE RANGE (25<sup>TH</sup> %ILE) AT THE NEXT BENCHMARK PERIOD OR END OF YEAR} - \text{STUDENT'S CURRENT SCORE}}{\text{\# OF WEEKS UNTIL NEXT BENCHMARK PERIOD OR END OF YEAR}} = \text{NECESSARY WEEKLY IMPROVEMENT}$$

NECESSARY GAIN TO CATCH UP

### STEP 4: CALCULATE THE # OF WEEKS IT WILL TAKE FOR THE STUDENT TO REACH THE AVERAGE RANGE AT HIS/HER CURRENT GRADE LEVEL BASED ON HIS/HER CURRENT RATE OF IMPROVEMENT

$$\frac{\text{NECESSARY GAIN TO CATCH UP (See Step 3)}}{\text{ROI (See Step 2)}} = \text{\# OF WEEKS IT WILL TAKE}$$

### STEP 5: CALCULATE THE STUDENT'S PROJECTED SCORE AT THE NEXT BENCHMARK PERIOD (OR AT THE END OF THE YEAR) BASED ON HIS/HER CURRENT RATE OF IMPROVEMENT

$$(\text{\# OF WEEKS UNTIL THE NEXT BENCHMARK PERIOD (OR UNTIL THE END OF THE YEAR) (See Step 3)} \times \text{ROI (See Step 2)}) + \text{STUDENT'S CURRENT SCORE} = \text{PROJECTED SCORE}$$